Index of Claims

09/897,653

Reexamination BERKEMA ET AL.

Applicant(s)/Patent under

**Art Unit** 

Examiner

Jerome Grant II

2626

| √ | Rejected |
|---|----------|
| = | Allowed  |

| _ | (Through numeral)<br>Cancelled |
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Non-Elected N Restricted Interference

| A | Appeal   |
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|--------|-----------------------|----------|-----------|----------|----------|----------|--|--|----------|-----------------|
| Cla    | Date                  |          |           |          |          |          |  |  |          |                 |
| Final  | Original              | 8/17/06  |           |          |          |          |  |  |          |                 |
|        | 1                     | С        |           |          |          |          | $\vdash$   | $\vdash$   |          |                 |
|        | 1<br>2<br>3<br>4<br>5 | R        |           |          |          |          |  |  |          |                 |
|        | 3                     | R        |           |          |          |          |  | L  |          |                 |
|        | 4                     | R        |           |          |          |          |  | L  | <u> </u> | Ш               |
|        | 5                     | С        |           | _        |          | <u> </u> |  | _  | L_       | Ш               |
|        | 6                     | R        | _         | L        | L        | L        | ┞  | <u> </u>   |          | Щ               |
|        | 7                     | C        | ļ         | ļ        | <u> </u> | ļ        | <b> </b>   | <u> </u>   |          | Н               |
|        | 8                     | C        | _         | ⊢        | _        | <u> </u> | <u> </u>   | <u> </u>   |          | Н               |
|        | 9                     | 5        | <u> </u>  | $\vdash$ | <u> </u> | -        |  | ⊢  | ⊢        | Н               |
|        | 10<br>11              | С<br>С   | -         | ├        | ⊢        | ├-       | ⊢  |  | ⊢        | Н               |
|        | 12                    | 5        | <u> </u>  | ├        | -        | ├        | ├  | $\vdash$   | $\vdash$ | Н               |
|        | 13                    | c        | <u> </u>  | $\vdash$ | ┢        | -        |  | $\vdash$   | $\vdash$ | Н               |
|        | 13<br>14              | C        | -         |          | -        | H        | <del>                                     </del> | Н  | H        | Н               |
|        | 15                    | R        | Н         | -        | Н        | ┢        | Т  | <del>                                     </del> | <u> </u> | Н               |
|        | 16                    | С        |           |          |          |          |  |  |          | П               |
|        | 17                    | R        |           |          |          | Г        |  |  |          | П               |
|        | 18                    | R<br>C   |           |          |          |          |  | Г  |          |                 |
|        | 19                    |          |           |          |          |          |  |  |          |                 |
|        | 20                    | С        |           |          |          |          |  |  |          |                 |
|        | 21                    | R        |           | L        |          |          |  |  |          |                 |
| $\Box$ | 22                    | R        |           | <u> </u> |          |          |  | _  | L        | Ц               |
|        | 23                    | R        |           | _        |          | ļ.,      | ļ  | L_   | <u> </u> | Ш               |
|        | 24                    | R        | _         | _        | _        | _        | _  | _  | <u> </u> | Ц               |
|        | 25                    | С        | <u> </u>  | <u> </u> | _        | ⊢        | ⊢  | _  | ┡        | Н               |
|        | 26<br>27              | ပပ       | _         | <u> </u> | <u> </u> | -        |  | ┝  | $\vdash$ | Н               |
|        | 28                    | U        |           | _        |          |          | -  | _  | -        | H               |
|        | 29                    | υ        |           | _        | -        | -        |  | ├  | $\vdash$ | Н               |
|        | 30                    | R        |           | -        | -        | -        | -  | ├─   | -        | $\vdash$        |
|        | 31                    | C        |           |          | $\vdash$ | -        | $\vdash$   | -  | -        | Н               |
|        | 32                    | R        |           |          | -        |          | Т  | ┢  | -        | Н               |
|        | 33                    | R        |           |          |          |          |  |  |          |                 |
|        | 34                    |          |           |          |          |          |  |  |          | П               |
|        | 35                    |          |           |          |          |          |  |  |          |                 |
|        | 36                    |          |           |          |          |          |  |  |          |                 |
|        | 37                    |          |           |          | _        |          |  | _  |          | Ш               |
|        | 38                    |          |           |          |          |          | _  | L  |          | Ш               |
|        | 39                    |          |           |          | _        | _        | _  | Ш  |          | Ш               |
|        | 40                    | -        |           |          |          | <u> </u> |  | Ш  |          | Щ               |
|        | 41                    | -        |           |          |          | _        |  | _  |          | _               |
|        | 42<br>43              |          | -         |          | $\vdash$ | $\vdash$ | $\vdash$   | -  |          | $\vdash\dashv$  |
|        | 44                    | Н        | -         |          | -        |          | -  | $\vdash$   | $\vdash$ | Н               |
|        | 45                    | $\dashv$ | -         |          | H        |          | <u> </u>   | H  | $\vdash$ | Н               |
|        | 46                    | $\dashv$ |           | Н        | -        | Н        |  | $\vdash$   | -        | $\dashv$        |
|        | 47                    |          | -         |          |          | H        | -  | -  | $\vdash$ | $\vdash \vdash$ |
| -      | 48                    | $\vdash$ | $\dashv$  |          |          |          | -  | Н  | -        | $\dashv$        |
|        | 49                    | $\dashv$ | $\exists$ |          |          | П        |  | $\vdash$   | М        | Н               |
|        | 50                    |          |           |          |          |          |  |  | $\vdash$ | Н               |
|        |                       |          |           |          |          |          |  |  | _        | _               |

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|----------|----------|--|--|--|----------|--------------|--------------|--------------|----------|----------|--|
| Cli      | Claim    |  |  | _  |          | Dat          | e_           | _            |          |          |  |
| Final    | Original |  |  |  |          |              |              |              |          |          |  |
|          | 51       | $\vdash$   | ┪  | T  | ┢        |              | ┢            | $\vdash$     | $\vdash$ | ┢        |  |
|          | 52       | -  | t  | ╁╌   | ╁        | ┢            | -            | ┢            |          | 一        |  |
|          | 53       | $\vdash$   | t  | t  | $\vdash$ | H            |              |              | $\vdash$ | ┢        |  |
|          | 54       | t  |  | T  | $\vdash$ | t            | $\vdash$     | H            |          | t        |  |
|          | 55       | T  | ✝  |  | t        | T            | T            | t            | $\vdash$ | $\vdash$ |  |
|          | 56       |  | 1  | T  | $\vdash$ | H            |              | H            | Н        |          |  |
|          | 57       | $\vdash$   |  | T  | $\vdash$ | ┢            |              | $\vdash$     |          | Г        |  |
|          | 58       | $\vdash$   | İ  | T  | I        | t            |              | t            |          |          |  |
|          | 59       | l  | T  |  | Ħ        |              | İ            | T            |          |          |  |
|          | 60       | Г  | T  |  |          |              | Г            |              |          | Г        |  |
|          | 61       |  |  | Π  | Π        |              | Г            |              |          | Г        |  |
|          | 62       |  |  |  |          |              |              |              |          | Γ        |  |
|          | 63       |  | Г  |  |          |              |              |              |          |          |  |
|          | 64       |  |  |  |          | П            |              | Г            |          | Γ        |  |
|          | 65       |  |  |  |          |              |              | Г            |          |          |  |
|          | 66       |  |  |  |          |              |              |              |          |          |  |
|          | 67       |  |  |  |          |              |              |              |          |          |  |
|          | 68       |  |  |  |          |              |              |              |          |          |  |
|          | 69       |  |  |  |          |              |              |              |          |          |  |
|          | 70       |  |  |  |          |              |              |              |          |          |  |
|          | 71       |  |  |  |          |              |              |              |          |          |  |
| <u></u>  | 72       |  |  |  | <u> </u> |              |              |              |          |          |  |
|          | 73<br>74 | L  | L  |  | <u> </u> | $oxed{oxed}$ |              |              |          |          |  |
|          | 74       | L  |  | <u> </u>   |          |              |              |              |          | L        |  |
|          | 75       |  | L  | L  |          |              |              |              |          |          |  |
|          | 76       | _  | L_   | L  | _        | 匚            | <u> </u>     | <u> </u>     |          |          |  |
|          | 77       | _  | _  | <u> </u>   | _        | ╙            |              | _            | _        |          |  |
| <u> </u> | 78<br>79 | <u> </u>   | _  | ┞—   |          | _            | _            | <u> </u>     |          |          |  |
| <u> </u> | 79       | ┝  | _  | _  | _        | _            |              | L            |          | _        |  |
|          | 80       | _  |  | ┢  | _        | <u> </u>     | _            | _            | _        | L        |  |
|          | 81<br>82 | <u> </u>   | ⊢  | ├-   | ⊢        | -            | -            | -            | ├-       | _        |  |
| -        | 83       | -  | ├  | ┝  | ┝        | -            |              | $\vdash$     |          | <u> </u> |  |
| <u> </u> | 84       | -  | ⊢  | <b> </b>   | ⊢        |              | ┝            | ⊢            | <u> </u> | <u> </u> |  |
| <b> </b> | 85       | ├  | ⊢  | -  | ⊢        | -            | -            | ├            | $\vdash$ | H        |  |
|          | 86       | ├  | $\vdash$   | $\vdash$   | $\vdash$ | <del> </del> | -            | -            | $\vdash$ | ⊢        |  |
| -        | 87       | ├  |  | $\vdash$   | $\vdash$ |              | ├-           | <del> </del> | $\vdash$ | ┝╌       |  |
| $\vdash$ | 88       | $\vdash$   | <del> </del>                                     | $\vdash$   | $\vdash$ | $\vdash$     | $\vdash$     | $\vdash$     | -        | $\vdash$ |  |
|          | 89       | $\vdash$   | <del>                                     </del> | 1  |          | $\vdash$     | $\vdash$     | $\vdash$     | -        | $\vdash$ |  |
| <b></b>  | 90       | $\vdash$   | <del> </del>                                     |  | $\vdash$ |              | <del> </del> | H            | -        | $\vdash$ |  |
|          | 91       |  | ┢  | ┢  | $\vdash$ | $\vdash$     | Н            | Н            | _        | ┢        |  |
| <b> </b> | 92       | <del>                                     </del> | ╁  | т  | Н        |              | Н            | $\vdash$     | $\vdash$ | -        |  |
|          | 93       | $\vdash$   | $\vdash$   |  | t        |              | Н            | $\vdash$     | Н        | $\vdash$ |  |
|          | 94       | Н  | $\vdash$   | $t^-$  | $\vdash$ | $\vdash$     | Н            | $\vdash$     | Н        | Н        |  |
|          | 95       | $\vdash$   |  | <del>                                     </del> |          | Н            | Н            | Н            |          | $\vdash$ |  |
|          | 96       | $\vdash$   | $\vdash$   |  | $\vdash$ | Н            |              | Н            |          | H        |  |
|          | 97       |  | _  | $\vdash$   |          |              | -            |              |          | _        |  |
|          | 98       |  | I  | T  | Т        | Н            | $\vdash$     | $\vdash$     |          |          |  |
|          | 99       |  | Г  | 1  | П        |              |              |              |          | -        |  |
|          | 100      |  |  |  | П        |              |              | П            |          |          |  |
|          |          |  |  |  |          |              |              |              | _        |          |  |

| Cla      | L                 |              |  |  | Dat  | <u>e</u>   |                                     |                                     |          |              |
|----------|-------------------|--------------|--|--|--|--|-------------------------------------|-------------------------------------|----------|--------------|
| Final    | Original          |              |  |  |  | !  |                                     |                                     |          |              |
|          | 101               | 1            | 1  | $\vdash$   | $\vdash$                                     | Г  |                                     |                                     | $\vdash$ | ⇈            |
|          | 101<br>102        |              | Ĺ  | İ  |  |  | -                                   |                                     |          |              |
|          | 103               |              |  |  |  |  |                                     |                                     |          |              |
|          | 104               | _            |  |  | L  |  |                                     |                                     |          |              |
|          | 105               | L            |  | ļ  |  |  |                                     | ļ                                   | <u> </u> | <u> </u>     |
|          | 106               | <u> </u>     | <u> </u>   | <del> </del>                                     | _  | _  | _                                   |                                     | L        | <u> </u>     |
| $\vdash$ | 107<br>108        |              | $\vdash$   | ├  |  | ⊢  | ⊢                                   | ├                                   | ⊢        | ├            |
|          | 109               | -            | -  | ┢  | ┝  | $\vdash$   | $\vdash$                            | ⊢                                   | -        | ⊢            |
|          | 110               | $\vdash$     | <del>                                     </del> | ┢  | $\vdash$                                     |  | $\vdash$                            | -                                   |          | ┢            |
|          | 111               |              |  | $\vdash$   | -  | <del>                                     </del> |                                     |                                     | Г        | _            |
|          | 112               |              |  |  |  |  | Г                                   | Г                                   |          | Г            |
|          | 112<br>113        |              |  |  |  |  |                                     |                                     |          |              |
|          | 114               |              |  |  |  |  | 匚                                   |                                     |          |              |
|          | 115               | $oxed{oxed}$ | L.   | <u> </u>   | _  | <u> </u>   | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | $ldsymbol{ldsymbol{ldsymbol{eta}}}$ | L        |              |
|          | 116               | $\vdash$     |  | <u> </u>   | _  | <u> </u>   | <u> </u>                            | <u> </u>                            | _        | <u> </u>     |
|          | 117               | <u> </u>     | -  | _  | ⊢  | ┡  | ļ                                   |                                     | _        | _            |
|          | 118<br>119        | -            | _  | ⊢  | -  | ├—   | $\vdash$                            | ┝                                   | ⊢        | ├            |
|          | 120               | -            | <del> </del>                                     | ┝  | ┝  | ┝  | -                                   | -                                   | ┝        | ┢            |
| $\vdash$ | 121               | $\vdash$     |  | $\vdash$   | $\vdash$                                     | -  | -                                   | -                                   | $\vdash$ | -            |
|          | 120<br>121<br>122 |              |  | $\vdash$   | -  | <del>                                     </del> | $\vdash$                            | $\vdash$                            | _        | $\vdash$     |
|          | 123<br>124<br>125 |              |  |  |  |  | -                                   | _                                   |          | T            |
|          | 124               |              |  |  |  |  |                                     |                                     |          |              |
|          | 125               |              |  |  |  |  |                                     |                                     |          |              |
|          | 126<br>127<br>128 |              | _  |  | _  |  | <u> </u>                            | ļ                                   |          | _            |
|          | 127               |              | <u> </u>   | <u> </u>   | <u>                                     </u> |  | <u> </u>                            | <u> </u>                            | _        |              |
|          | 128               | _            |  | ├  | _  |  | <u> </u>                            | ┡                                   |          | <del> </del> |
|          | 129<br>130        | -            | ├  | ┢  | -  | -  | <u> </u>                            | <u> </u>                            |          | ⊢            |
|          | 131               | -            | -  | ┢  | ┢  | ┢  | ├─                                  | H                                   |          | -            |
|          | 131<br>132        |              | -  | <del>                                     </del> | $\vdash$                                     |  | $\vdash$                            |                                     |          | -            |
|          | 133               |              |  | Г  | $\vdash$                                     |  |                                     |                                     |          |              |
|          | 134               |              |  |  |  |  |                                     |                                     |          |              |
|          | 135               |              |  |  |  |  |                                     |                                     |          |              |
|          | 136               |              | $\Box$   |  |  |  |                                     |                                     |          |              |
|          | 137               | L            |  |  |  |  |                                     |                                     | L.       |              |
|          | 138               |              | _  | _  |  |  |                                     |                                     |          | -            |
|          | 139               | $\vdash$     | $\vdash$   | ⊢  | $\vdash$                                     | $\vdash$   | $\vdash$                            | H                                   | _        | $\vdash$     |
| $\vdash$ | 141               | -            | -  | ┢  | ┝╌   | $\vdash$   | H                                   | H                                   | -        |              |
|          | 142               | -            | -  | $\vdash$   | $\vdash$                                     | $\vdash$   | Н                                   | Н                                   |          | H            |
| $\vdash$ | 143               |              |  | $\vdash$   | Т  | Н  | Т                                   | _                                   | _        | Н            |
|          | 144               |              |  |  |  |  |                                     |                                     |          | П            |
|          | 145               |              |  |  |  |  |                                     |                                     |          |              |
|          | 146               |              |  |  |  |  |                                     |                                     |          |              |
|          | 147               |              | $\Box$   |  |  |  |                                     |                                     |          |              |
|          | 148               | _            | Щ  | <u> </u>   | <u> </u>                                     |  | _                                   | Щ                                   |          | Ш            |
| I        | 149               |              | Ш  | L-   | <u> </u>                                     | Ш  |                                     | Щ                                   |          | Ш            |
|          | 150               |              |  |  |  |  |                                     |                                     |          |              |